

Converting Colors

XYZ(30.8830, 40.4407, 34.1951)

Have a look what the booklet for
XYZ(30.8830, 40.4407, 34.1951)
contains.

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Color

**XYZ(30.8830, 40.4407,
34.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB794
RGB	126, 183, 148
RGB Percent	49%, 72%, 58%
CMY	0.5059, 0.2823, 0.4196
CMYK	0.31, 0.00, 0.19, 0.28
HSL	143°, 28%, 61%
HSV	143°, 31%, 72%
XYZ	30.8830, 40.4407, 34.1951
YIQ	161.9670, -22.7370, -22.9690

Conversions

Conversions Part 2

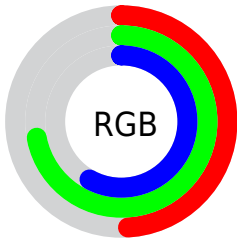
Format	Color
RYB	126, 167, 183
Decimal	8304532
CIELab	69.78, -26.01, 11.96
CIElCh	70, 28.627, 155.316
Yxy	40.4407, 0.2927, 0.3833
Android (android.graphics.Color)	4286494612 (0xFF7EB794)
YUV	161.9670, -6.8857, -31.5431
Hunter-Lab	63.5930, -24.6019, 12.6338

Details

The XYZ color **30.8830, 40.4407, 34.1951** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4237, 27.5632, 37.2786**, and the grayscale version is **34.3670, 36.1567, 39.3747**.

A 20% lighter version of the original color is **60.3496, 75.7006, 67.3080**, and **13.0420, 18.3242, 14.1588** is the 20% darker color. If you saturate the color by 10%, you get **27.5808, 38.8373, 29.6210**, and if you desaturate by 10%, it is **34.7674, 42.3365, 39.2490**.

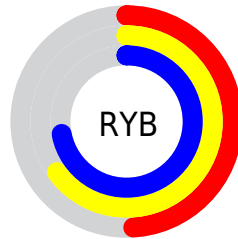
Distribution



Red (49%)

Green (72%)

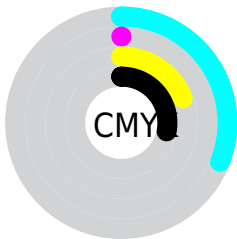
Blue (58%)



Red (49%)

Yellow (65%)

Blue (72%)

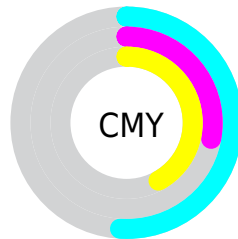


Cyan (31%)

Magenta (0%)

Yellow (19%)

Black (28%)



Cyan (51%)


Magenta (28%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8830, 40.4407, 34.1951 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.8830, 40.4407, 34.1951 by changing the saturation by 10% instead.


 30.8830, 40.4407,
34.1951


 30.8830, 40.4407,
34.1951


297.8355,
347.9776, 335.7968


 20.6612, 27.8823,
22.7649


 60.4329, 75.8341,
67.3743

 12.9876, 18.2370,
14.2164

 80.4917, 99.4380,
89.9604

 7.4969, 11.1203,
8.1308


 104.5602,
127.4924, 117.1023

 3.8239, 6.1478,
4.0898

133.0037,
160.3819, 149.2185

 1.6030, 2.9351,
1.6747

166.1877,
198.4907, 186.7275

 0.3943, 1.0980,
0.3433

204.4774,

 0.0000, 0.0000,

242.2033, 230.0478

0.0000

248.2382,
291.9042, 279.5981

■ 30.8830, 40.4407,
34.1951

■ 30.8830, 40.4407,
34.1951

■ 27.5808, 38.8373,
29.6210

■ 34.7674, 42.3365,
39.2490

■ 24.8281, 37.5064,
25.5098

■ 39.2581, 44.5334,
44.7936

■ 22.5939, 36.4334,
21.8476


■ 44.3814, 47.0460,
50.8426


■ 20.8427, 35.6003,
18.6187


■ 50.1616, 49.8865,
57.4087


■ 19.5342, 34.9866,
15.8063


■ 56.6211, 53.0661,
64.5038


 18.6207, 34.5681,
13.3926

 63.7818, 56.5960,
72.1396

 18.0597, 34.3186,
11.5715

 71.6641, 60.4864,
80.3274

 73.5922, 61.2957,
88.7648

 75.2946, 61.9766,
97.7295

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.5043, 40.4407, 26.2914



30.8830, 40.4407, 34.1951



30.2160, 40.4407, 46.4445

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.8830, 40.4407, 34.1951



39.2707, 40.4407, 74.7130



46.1924, 40.4407, 30.8446

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.8830, 40.4407, 34.1951



33.4237, 27.5632, 37.2786

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.0299, 40.4407, 41.7065



30.8830, 40.4407, 34.1951



43.8331, 40.4407, 68.3648

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.8830, 40.4407, 34.1951



34.8285, 40.4407, 71.5903



47.1336, 40.4407, 55.5972



42.2879, 40.4407, 24.6473

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.8830, 40.4407, 34.1951



30.9190, 40.4407, 55.8961



47.1336, 40.4407, 55.5972



47.0860, 40.4407, 33.9798

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.8841, 40.4424, 34.1960



72.0499, 80.6090, 82.3139



35.4290, 42.9678, 26.1656



15.6328, 17.6664, 17.8437



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.8841, 40.4424, 34.1960



51.3714, 70.5131, 55.8499



33.4102, 41.4528, 47.4981



9.0300, 10.1160, 10.3152



12.6296, 23.9528, 8.2374



0.4758, 0.8566, 0.4516

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.4237, 27.5632, 37.2786



56.6002, 43.9789, 62.1836



31.2000, 26.6737, 25.5686



9.2301, 9.1024, 10.5589



15.7125, 7.8587, 11.6385



0.5832, 0.2888, 0.5646

Previews

White Background



This preview shows how the XYZ color 30.8830, 40.4407, 34.1951 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.8830, 40.4407, 34.1951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

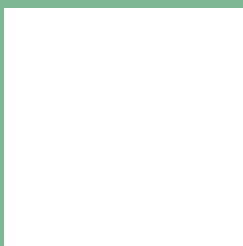
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8830, 40.4407, 34.1951

Background



This preview shows how black text looks on a background with the XYZ color 30.8830, 40.4407, 34.1951.



This preview shows how white text looks on a background with the XYZ color 30.8830, 40.4407,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.8830, 40.4407, 34.1951

Protanopia

37.5861, 39.8827, 30.9164

Deuteranopia

40.9353, 40.1554, 35.2990



Tritanopia

35.1178, 40.3568, 55.2289

Trichromacy



Original Color

30.8830, 40.4407, 34.1951

Protanomaly

34.6673, 39.7593, 32.2327

Deuteranomaly

36.5110, 39.7952, 35.0351

Tritanomaly

33.3737, 40.2409, 46.5657

Monochromacy



Original Color

30.8830, 40.4407, 34.1951

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.8550, 37.5733, 37.4190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8830, 40.4407, 34.1951 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(126, 183, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 183, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.8830, 40.4407, 34.1951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 183, 148) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(126, 183, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(126, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 183, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 183, 148);  
box-shadow:4px 4px 4px 4px rgb(126, 183,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8830, 40.4407, 34.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 183, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
183, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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